

New beta-keto-alcohol derivatives

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Abstract of DE19701758

beta -Ketoalcohol derivatives of formula $G<1>C(R<1>)(R<1>)CH(OM)C(R<2>)(R<2>)G<2>$ (III) are new. $G<1> = COO\text{-alkyl}, COO\text{-aryl}, COO\text{-cycloalkyl}, CO_2M, CO_2PG, CONHn(PG)_2\text{-n}, CON(alkyl)_2, COR<2>, COR^*, CN, COO\text{-spacer-polymer or } CONH\text{-spacer-polymer}; G<2> = COO\text{-alkyl}, COO\text{-aryl}, COO\text{-cycloalkyl}, CO_2M, CO_2PG, CONHn(PG)_2\text{-n}, CON(alkyl)_2, COR<2>, COR^*, CN, COO\text{-spacer-polymer}, CONH\text{-spacer-polymer}, CH_2OR<2>, CH_2O(PG), CH(OR<2>)_2, CH(O-PG)_2 \text{ or } CH=N-PG; R<1> = H, F, alkyl, vinyl, cycloalkyl, O-alkyl, Cn'F_3\text{-n'}, oxacycloalkyl, spirocycloalkyl or oxaspirocycloalkyl; R<2> = H, alkyl, vinyl, aryl, CnF_3\text{-n}, cycloalkyl, O-alkyl, oxacycloalkyl, spirocycloalkyl or oxaspirocycloalkyl; R<3> = H, X, w-nerol, geraniol, nerylacetone, geranylacetone or their derivatives; M = metal cation, H or non-metallic cation; R^* = chiral auxiliary; X = halo or leaving group; alkyl = 1-7C alkyl; cycloalkyl = 3-7C cycloalkyl; aryl = optionally mono- to penta-substituted phenyl or benzyl; n = 0-2; and n' = 0-3.$

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